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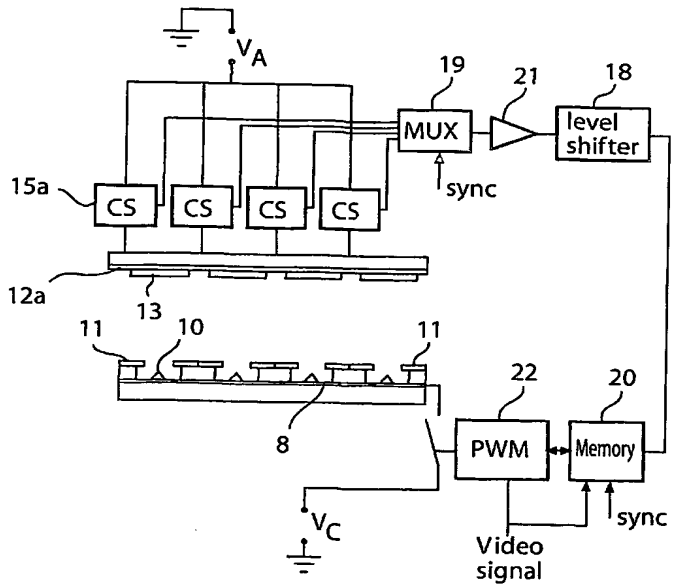
(54) Title: DISPLAY DEVICE



(57) Abstract: The present invention relates to a display device comprising a screen (1) with a plurality of pixels. Each pixel has a corresponding electron emitting structure (8, 9, 11), such as a gate-cathode combination. The electrons emitted by each electron emitting structure (8, 9, 11) are accelerated toward an anode layer (12) in the screen (1). The anode layer (12) is subdivided into a plurality of separate portions (12a, ... 121), and each such portion has a corresponding current meter (15a, ... 151) for measuring the portion's part of the total anode current of the display device. This entails an improved capability of measuring the properties of the individual electron emitting structures, which serves to adjust each electron emitting structure's signal in order to obtain a more uniform display device.

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